



*(An ISO certified 9001:2015 company)*

# ***PRODUCT MANUAL OF WIRE & WIRELESS ANEMOMETER***

*(About, Offerings and Capabilities)*



**Office:** Building No. 24, Main Najaf Garh Road, Nangloi new Delhi - 110041, India

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## SARAS-A02 Anemometer/ Wind Speed Sensor



### Description

**SARAS-A02** wind speed sensor is mechanical rotate sensor, digital circuits capable of strong RFI & EMI resistance and automatic temperature compensation are installed inside the sensor, it outputs voltage and current signals by electromagnetic induction, the value and horizontal wind speed are linear relation. Sensor external parts all are made of alloy material and finish by surface powder coating, featured with water proof, corrosion resisting. Inside and turning position have sealing rings with nice sealing function, stop water, salt fog and dust getting in. **SARAS-A02** wind speed sensor is build-in electronic automatic heating system, when temperature falls to under 0°C, system will automatic heating, melting ice to prevent external turning parts freeze.



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## Features :

- Excellent resistance against impact, overload, shock and erosion
- Small and exquisite, easy to take, simple to install
- Alloy material finish, reasonable structure design and nice outlook quality
- Anti-wind load can reach 70m/s
- Low wind start
- Surge protection design
- Over Speed Cut off with Alarm
- Other industrial automation about wind speed and direction testing and control

## Specification :

AC Input	220V
Output	Pulse signal (HZ) 0-5VDC 4-20mA Black ,Green ,Red
Working Voltage	AC=220V A
Testing range	0.5m/s~50m/s
Start wind speed	≤0.5m/s
Accuracy	±0.5m/s (<5m/s)(±3%FS (≥5m/s)
Working Environment	Temperature: -40°C~+80°C (±0.5°C)
Limit wind speed	Max: 70m/s 30min
Environmental Protection	IP65
Warranty	1-year warranty.
Batteries Required	No
Relay Cut Off	Yes
Over Speed Buzzer	Yes
Wire Range	±1km* Approx.
Wire (3Core)	25mtr.
Fan Box Dimensions (L*H*W) MM	195 * 62 * 90
Display Box Dimensions (L*H*W) MM	160*140*60
Color	As per Image uploaded. It may vary 5-10%



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We have large number of satisfied client list there are some:-



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**WE CARE ABOUT EVERY CUSTOMERS**



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